

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	74	65/93.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/07/29 13:38
S2	0	"742898".URPN.	USPAT	OR	OFF	2003/07/29 13:29
S3	2	"1831060".URPN.	USPAT	OR	OFF	2003/07/29 13:32
S4	1	"3554725".URPN.	USPAT	OR	OFF	2003/07/29 13:37
S5	86	65/101.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/07/29 15:44
S6	1	"3554725".URPN.	USPAT	OR	OFF	2003/07/29 13:45
S7	7	65/101.ccls. and (patterned or pattern)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/07/29 13:54
S8	50	ashtray and bulb	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/07/29 15:38
S9	8	("D295450"   "3967274"   "4286742"   "4713735"   "4847738"   "4953772"   "5077643"   "5144963").PN.	USPAT	OR	OFF	2003/07/29 15:22
S10	3	"3127550".URPN.	USPAT	OR	OFF	2003/07/29 15:33
S11	0	gierhard.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/07/29 15:37
S12	3	gierhardt.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/07/29 15:37
S13	0	ashtray and (colorwheel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/07/29 15:38
S14	0	ashtray and (color adj wheel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:20
S15	0	ashtray and (color-wheel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/07/29 15:38

## EAST Search History

S16	1	65/100.ccls. and (pattern or patterned)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/07/29 15:46
S17	10	65/94.ccls. and (pattern or patterned)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/07/29 15:55
S18	3	("2774190"   "3311463"   "3508899").PN.	USPAT	OR	OFF	2003/07/29 15:52
S19	1	"3914118".URPN.	USPAT	OR	OFF	2003/07/29 15:52
S20	4	("1541638"   "2754559"   "3345149"   "3352657").PN.	USPAT	OR	OFF	2003/07/29 15:53
S21	2	"3841857".URPN.	USPAT	OR	OFF	2003/07/29 15:54
S22	12	65/95.ccls. and (pattern or patterned)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/07/29 15:55
S23	11	"3878850"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/05 11:11
S24	4	"3878850" and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/05 11:12
S25	143	65/397.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/07 09:30
S26	14	65/397.ccls. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/07 09:33
S27	22	65/399.ccls. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/07 09:36
S28	5	65/414.ccls. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/07 09:38
S29	6	65/416.ccls. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/07 09:41

## EAST Search History

S30	11	65/417.ccls. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/07 09:43
S31	5	65/378.ccls. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/07 09:45
S32	16	65/427.ccls. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/07 09:57
S33	15	65/435.ccls. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/07 09:57
S34	13	("3873408"   "3954431"   "4061486"   "4110093"   "4165223"   "4230472"   "4249924"   "4304581"   "4372648"   "4421539"   "4525189"   "4599098"   "4675040").PN.	USPAT	OR	OFF	2003/08/07 10:01
S35	7	"4812153".URPN.	USPAT	OR	OFF	2003/08/07 10:01
S36	4	((("3873408"   "3954431"   "4061486"   "4110093"   "4165223"   "4230472"   "4249924"   "4304581"   "4372648"   "4421539"   "4525189"   "4599098"   "4675040").PN.) and equilibrium	USPAT	OR	OFF	2003/08/07 10:04
S37	1	"4812153".URPN. and equilibrium	USPAT	OR	OFF	2003/08/07 10:04
S38	332	hazan.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/07 10:04
S39	53	hazan.in. and glass	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/07 10:05
S40	25	hazan.in. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/07 10:06
S41	258	(macchesney or stockert or white). in. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/07 10:07

## EAST Search History

S42	69	((macchesney or stockert or white). in. and equilibrium) and glass	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/07 10:08
S43	1	("4119104").PN.	USPAT; USOCR	OR	OFF	2003/08/08 13:14
S44	1	("4054145").PN.	USPAT; USOCR	OR	OFF	2003/08/08 13:15
S45	1	("4409995").PN.	USPAT; USOCR	OR	OFF	2003/08/08 13:16
S46	141	kyoto.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/09 18:38
S47	0	09/806236	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/09 18:38
S48	10245	"65"/\$ and cooling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/09 18:38
S49	2108	("65"/\$ and cooling ) and (ingot or block) and glass	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/09 18:39
S50	0	((("65"/\$ and cooling ) and (ingot or block) and glass) and "65"".""17"". ""6".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/09 18:39
S51	17	((("65"/\$ and cooling ) and (ingot or block) and glass) and 65/17.6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/09 19:15
S52	22	"401845"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/09 20:01
S53	12	((("65"/\$ and cooling ) and (ingot or block) and glass) and 65/63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/09 19:27
S54	30	((("65"/\$ and cooling ) and (ingot or block) and glass) and 65/111.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/09 20:14

## EAST Search History

S55	3	"6442973"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/09 20:01
S56	2	("5707908"   "6087283").PN.	USPAT	OR	OFF	2003/08/09 20:01
S57	2	((("5707908"   "6087283").PN.) and cooling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/09 20:01
S58	21	((("65"/\$ and cooling ) and (ingot or block) and glass) and 65/17.4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/09 20:23
S59	19	((("65"/\$ and cooling ) and (ingot or block) and glass) and 65/32.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/09 20:31
S60	9	((("65"/\$ and cooling ) and (ingot or block) and glass) and 65/413.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/09 20:57
S61	8	((("65"/\$ and cooling ) and (ingot or block) and glass) and 65/424.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/09 21:01
S62	6	((("65"/\$ and cooling ) and (ingot or block) and glass) and 65/426.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/09 21:01
S63	23	"5707908"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/08/10 20:31
S64	30	"5393384"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/09/04 08:57
S65	30	"5298124"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/09/04 08:57
S66	34	"6087283"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:20
S67	81	65/93.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47

## EAST Search History

S68	1	"742898".URPN.	USPAT	OR	OFF	2006/09/26 13:47
S69	3	"1831060".URPN.	USPAT	OR	OFF	2006/09/26 13:47
S70	3	"3554725".URPN.	USPAT	OR	OFF	2006/09/26 13:47
S71	89	65/101.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S72	3	"3554725".URPN.	USPAT	OR	OFF	2006/09/26 13:47
S73	7	65/101.ccls. and (patterned or pattern)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S74	73	ashtray and bulb	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S75	8	("D295450"   "3967274"   "4286742"   "4713735"   "4847738"   "4953772"   "5077643"   "5144963").PN.	USPAT	OR	OFF	2006/09/26 13:47
S76	4	"3127550".URPN.	USPAT	OR	OFF	2006/09/26 13:47
S77	0	gierhard.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S78	3	gierhardt.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S79	0	ashtray and (colorwheel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S80	2	ashtray and (color adj wheel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S81	0	ashtray and (color-wheel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S82	2	65/100.ccls. and (pattern or patterned)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47

## EAST Search History

S83	10	65/94.ccls. and (pattern or patterned)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S84	3	("2774190"   "3311463"   "3508899").PN.	USPAT	OR	OFF	2006/09/26 13:47
S85	4	"3914118".URPN.	USPAT	OR	OFF	2006/09/26 13:47
S86	4	("1541638"   "2754559"   "3345149"   "3352657").PN.	USPAT	OR	OFF	2006/09/26 13:47
S87	3	"3841857".URPN.	USPAT	OR	OFF	2006/09/26 13:47
S88	16	65/95.ccls. and (pattern or patterned)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S89	14	"3878850"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S90	6	"3878850" and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S91	185	65/397.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S92	26	65/397.ccls. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S93	30	65/399.ccls. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S94	11	65/414.ccls. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S95	7	65/416.ccls. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S96	13	65/417.ccls. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47

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S97	6	65/378.ccls. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S98	21	65/427.ccls. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S99	20	65/435.ccls. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S10 0	13	("3873408"   "3954431"   "4061486"   "4110093"   "4165223"   "4230472"   "4249924"   "4304581"   "4372648"   "4421539"   "4525189"   "4599098"   "4675040").PN.	USPAT	OR	OFF	2006/09/26 13:47
S10 1	10	"4812153".URPN.	USPAT	OR	OFF	2006/09/26 13:47
S10 2	4	((("3873408"   "3954431"   "4061486"   "4110093"   "4165223"   "4230472"   "4249924"   "4304581"   "4372648"   "4421539"   "4525189"   "4599098"   "4675040").PN.) and equilibrium	USPAT	OR	OFF	2006/09/26 13:47
S10 3	2	"4812153".URPN. and equilibrium	USPAT	OR	OFF	2006/09/26 13:47
S10 4	411	hazan.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S10 5	76	hazan.in. and glass	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S10 6	33	hazan.in. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S10 7	355	(macchesney or stockert or white). in. and equilibrium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S10 8	117	((macchesney or stockert or white). in. and equilibrium) and glass	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47



## EAST Search History

S10 9	1	("4119104").PN.	USPAT; USOCR	OR	OFF	2006/09/26 13:47
S11 0	1	("4054145").PN.	USPAT; USOCR	OR	OFF	2006/09/26 13:47
S11 1	1	("4409995").PN.	USPAT; USOCR	OR	OFF	2006/09/26 13:47
S11 2	161	kyoto.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 15:41
S11 3	1	09/806236	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S11 4	11083	"65"/\$ and cooling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S11 5	2557	("65"/\$ and cooling ) and (ingot or block) and glass	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S11 6	0	((("65"/\$ and cooling ) and (ingot or block) and glass) and "65""."17"". ""6".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S11 7	23	((("65"/\$ and cooling ) and (ingot or block) and glass) and 65/17.6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S11 8	27	"401845"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S11 9	14	((("65"/\$ and cooling ) and (ingot or block) and glass) and 65/63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S12 0	33	((("65"/\$ and cooling ) and (ingot or block) and glass) and 65/111.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S12 1	4	"6442973"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S12 2	2	("5707908"   "6087283").PN.	USPAT	OR	OFF	2006/09/26 13:47

## EAST Search History

S12 3	3	((("5707908"   "6087283").PN.) and cooling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S12 4	28	((("65"/\$ and cooling ) and (ingot or block) and glass) and 65/17.4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S12 5	21	((("65"/\$ and cooling ) and (ingot or block) and glass) and 65/32.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S12 6	13	((("65"/\$ and cooling ) and (ingot or block) and glass) and 65/413.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S12 7	11	((("65"/\$ and cooling ) and (ingot or block) and glass) and 65/424.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S12 8	7	((("65"/\$ and cooling ) and (ingot or block) and glass) and 65/426.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S12 9	36	"5707908"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S13 0	37	"5393384"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S13 1	46	"5298124"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S13 2	34	"6087283"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 13:47
S13 3	3	"6763682"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 15:41